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(54) PHOTOPOLYMERIZATION COMPOSITION FOR COLOR FILTER, AND THE COLOR FILTER

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a color filter photopolymerization composition having high sensitivity, a high development function, a high resolving function, and high shelf life stability, and in particular suitable for forming a black matrix of high accuracy having a high shading function, and further provide a color filter having high accuracy and ensuring freedom from bleeding.

SOLUTION: This photopolymerization composition for a color filter contains binder resin, a compound having at least one double bond of an ethylene unsaturated bond, a photopolymerization initiator system, a color material and a solvent. Furthermore, the photopolymerization initiator system is composed so as to contain at least one type selected from a multifunctional thiol compound, a biimidazole compound, titanoxen compound, a triazine compound, and an oxadiazole compound.